

甘肃柳属一新种

孙学刚

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关键词 柳属; 舟曲柳; 甘肃

A NEW SPECIES OF *SALIX* FROM GANSU

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Key words *Salix*; *S. zhouquensis*; Gansu

舟曲柳 新种 图 1

Salix zhouquensis X. G. Sun, sp. nov., Fig. 1

(Sect. Eriocladae Hao)

Species affinis *S. minjiangensis* N. Chao sed bractea obovato-oblonga circiter 2mm longa, folia margine intergra, petioli apice eglandulosi, ovaria sessilia, stigmatibus bifidis manifeste recurvatis.

Frutex circiter 1.5m altus; ramuli hornotini sericeis pilis flavido-griseis, annotini plus vel minus pilosi; gemmae glabri. Folia rotundata vel late elliptica vel obovato-rotundata, 1.5-2.5(-3)cm longa, 1.2-2cm lata, apice rotundata, basi rotundata vel subrotundata, margine intergra, supra saturate viridia glabra, subtus pallide viridia sericeo-pilosa, nervis lateralibus 5-7-jugis, venulis reiformibus subtus conspici; petioli 0.2-0.4cm longi, sericeo-pilosi. Ramuli floriferi 1-1.2cm longi, sericeo-pilosi, folia 2-3 normalia gerentes. Amenta feminea coaetanea 1.7-2.5cm longa, circiter 0.5cm crassa, densiflora, rachidibus pilosis; bractae pallide viridiae obovato-oblongae, apice rotundatae vel truncatae, circiter 2mm longae, utrinque sericeo-pilosae; nectarium solitarium ventrale lato-ovatum; ovaria angusto-ovoidea circiter 3.5mm longa, sessilia glabra, stylis prope 2.5mm longis apice bifidis, stigmatibus bifidis manifeste recurvatis.

1. branch with female inflorescences; 2. lower surface of leaf (showing hir-
covering); 3. female flower (dr

Gansu Zhouqu, Chagang,
Shimengou, alt. 2700m, ad
marginem sylvae, may 25, 1990,
X. G. Sun et al. 90281 (fem.
Typus, GAUF).

灌木,高约 1.5m;当年生小枝
被淡黄灰色丝状长柔毛,去年生枝
多少被毛;芽光滑无毛。叶圆形 宽
椭圆形或倒卵圆形,长 1.5—2.5
(—3)cm,宽 1.2—2cm,先端圆形,
基部圆形或近圆形,全缘,腹面暗
绿色,无毛,背面淡绿色,密被丝状
长柔毛,侧脉 5—7对,网脉在背面
明显;叶柄长 0.2—0.4cm,被丝状
长柔毛。花枝长 1—1.2cm,被丝状
长柔毛,具 2—3枚正常叶。雌花序
与叶同时开放,长 1.7—2.5cm,径
约 0.5cm,花密集,中轴被长柔毛;
苞片淡绿色,倒卵状长圆形,先端
圆或平截,长约 2mm,两面被丝状
长柔毛;腹腺 1枚,宽卵形;子房狭
卵形,长约 3.5mm,无柄,无毛;花
柱长约 2.5mm,先端 2裂,柱头 2
裂,明显反卷。

本种与岷江柳 *S. minjiangen-*
sis N. Chao 相近,但苞片倒卵状
长圆形,长约 2mm,叶全缘,叶柄
先端无腺体,子房无柄,柱头 2裂并明显反卷而不同。

甘肃:舟曲,茶岗,石门沟,海拔 2700m 林缘,1990年 5月 25日,孙学刚等 90281(雌花,
模式标本存甘肃农业大学林学院树木标本室)

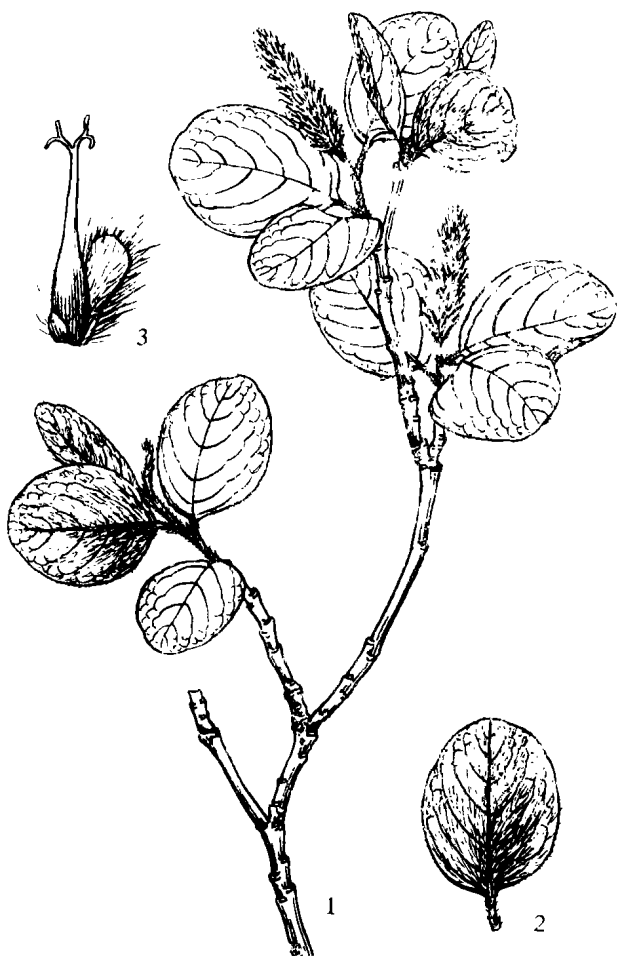


图 1 舟曲柳 *Salix zhouquensis* X. G. Sun

1. 雌花枝; 2. 叶背面(示毛被); 3. 雌花(白建鲁绘)

1. branch with female inflorescences; 2. lower surface of leaf (showing
hir-covering); 3. female flower(drown by Bai Janlu)